

Appl. No. : 10/072,543  
Filed : December 5, 2002

### AMENDMENTS TO THE CLAIMS

Please amend Claims 1 and 12 as follows.

1. (Currently Amended) A closed loop heating system for a nipple aspirate fluid aspiration device, comprising a plurality of inflatable bladders in a series flow path configured to provide for providing compression of a breast; a reservoir; and a fluid flow path comprising an inflow line and an outflow line for placing the bladders in fluid communication with the reservoir; wherein said closed loop system does not comprise a pump; wherein the entire closed loop heating system can be operated and removed without exposing a fluid within said closed loop to the outside of the closed loop system; and wherein said fluid flow path comprises a movable wall such that [[a]] fluid in the system can be moved by application of external pressure to the movable wall.

2. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 1, wherein the reservoir comprises a movable wall.

3. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 2, wherein the reservoir comprises a compressible container.

4. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 1, comprising at least 3 inflatable bladders.

5. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 1, comprising at least 6 inflatable bladders.

6. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 1, further comprising a heat exchange fluid contained within the closed loop.

7. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 4, wherein each bladder has an inflated width of no more than about 3 inches and an inflated length of no more than about 4 inches.

8. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 7, wherein each bladder has an inflated width of no more than about 2 inches and an inflated length of no more than about 3 inches.

9. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 4, wherein each bladder has an inflated thickness of no more than about 2 inches.

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10. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 9, wherein each bladder has an inflated thickness of no more than about 1 inch.

11. (Original) A closed loop heating system for a nipple aspirate fluid aspiration device as in Claim 1, wherein the fluid flow path comprises a first conduit extending between the bladders and the reservoir and a second conduit extending between the bladders and the reservoir.

12. (Currently Amended) An array of inflatable bladders for use in a breast pump, comprising:

at least a first and a second inflatable bladder in a series flow path configured to provide compression of a breast;

a mechanical link between the first and second bladder;

a flow path extending between the first and second bladder;

a reservoir;

and a flow path comprising an inflow line and an outflow line between the reservoir and the first and second bladder; said flow path comprising a movable wall such that a fluid in the system can be moved by application of external pressure to the movable wall;

wherein the array is adapted to cooperate with but does not include a pump; and wherein said array can be operated with the pump and removed from operative association with the pump without exposing the fluid within said array to the outside of the array of inflatable bladders.